1 VQE results Aer Estimator (With Shots)

			(Full H	amiltonian)	Double We	ell $\Lambda = 32$	COYBLA	Max 10k Iteration	ıs		
Ansatz	Tolerance	Shots	Converged runs	Mean iter	VQE min E.	σ_{min}	Δ_{min}	VQE median E.	Δ_{median}	Exact	Time
RA r1 rl	1e-01	10000	100/100	58	5.8476e+00	2.7646e+00	4.9559e+00	1.9953e+01	1.9061e+01	$8.9163e{-01}$	$05h\ 05m\ 35s$
RA r1 rl	1e - 02	10000	100/100	81	3.1508e+00	2.8325e+00	2.2592e+00	2.1958e+01	2.1067e+01	-	$06h\ 29m\ 48s$
RA r1 rl	1e - 03	10000	100/100	99	7.6653e+00	2.9698e+00	6.7737e+00	2.0868e+01	1.9976e+01	-	$06h\ 42m\ 44s$
RA r1 rl	$1e{-04}$	10000	100/100	123	2.4498e+00	2.9861e+00	1.5582e+00	1.9769e + 01	$1.8878e{+01}$	-	$08h\ 40m\ 38s$
RA r1 rl	1e - 05	10000	100/100	142	3.0637e+00	3.3472e+00	2.172e+00	2.2497e+01	2.1606e+01	-	$09h\ 25m\ 57s$
RA r1 rl	1e - 06	10000	100/100	159	3.3185e+00	3.3285e+00	2.4269e+00	1.8597e + 01	1.7706e+01	-	$11h\ 20m\ 34s$
RA r1 rl	1e - 07	10000	100/100	183	$7.8031e{-01}$	3.3655e+00	-1.1132e-01	1.9159e+01	1.8268e+01	-	$12h\ 07m\ 58s$
RA r1 rl	1e-08	10000	100/100	200	2.9957e+00	3.2842e+00	2.1041e+00	1.5275e + 01	1.4384e+01	-	13h 33m 11s
Ansatz	Tolerance	Shots	Converged runs	Mean iter	VQE min E.	σ_{min}	Δ_{min}	VQE median E.	Δ_{median}	Exact	Time

Table 1